

Investigation of Equilibrium in the Reduction of
Titanium Dioxide by Carbon at High Temperatures,
by V. S. Kutsev, B. F. Ormont.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, No 4, 1955,
pp 597-601.

Brutcher Tr
No 3642

Scientific - Chemistry

Jan 56 CTS/DEX
\$4.50
30,252

Marine Algae and Sapropeles as Sources of Vitamin
B¹², by L. C. Kutseva, V. N. Bukin, ~~NY~~ 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 4, 1957,
pp 765-

Consultants Bureau

Sci - Biology
May 58

62,703

Investigation of Chemisorption of Gas on Nickel
Oxide and Its Solid Solutions With Lithium Oxide,
by N. B. Keier, L. M. Kutseva. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1959, pp 797-805.

DSIR LUU M.1252

(loan)

Sci - Chem
Mar 60

111,134

Oxidation of Propylene to Acrolein on Vanadium and
Molybdenum Catalysts, by ~~X~~ L. N. ~~Kutseva~~, L. Ya.
Margolis, 5 pp.

~~XXX~~
~~RUSSIAN~~ RUSSIAN, per, Zhur Obsheh Khim, Vol XXXII,
No 1, 1962, pp 102-107.

CB

Sci

Oct 62

216,154

An investigation of the Chemical Adsorption on Solid Solutions of Nickelous Oxide,
by N. P. Meyer, L. N. Kutsava, ⁴/₆ pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, 1957,
No 2, pp 259-262.

Consultants Bureau

Sci - Chem

Oct 58

74, 710

Participation of Folic Acid and Vitamin B₁₂
in Purine Synthesis in Escherichia Coli
113-3 Cells, by N. A. Andreyeva, L. S. Kutsava,
3 PP.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 1, 1961, pp 223-226.

AIBS

Sci

200, 815

Jun 62

The All-Union Volunteer Association for Promotion
of Army, Aviation and Navy, by T. Kutsevalov, 5 pp.

RUSSIAN, np, Sovetskaya Aviatsiya, No 19,
23 Jan 1957, p 3, Encl to IR 1382-57, AFOIN-1A1.

AF 1100037

USSR
Military
Jun 57

48,253

1, 1961 RGL Contactless Synchronous Electric Motors
for Driving Production Mechanisms, by V. M. Kutsevalov,
RUSSIAN, per. Trade Letter 228 from Russian "Energostek
Elektr. Mashin" 1961, pp 49-51.
ITC-MT-01-65

Sci - Eng
Mar 65

265
276,453

V. M. Kutsevalov

29
Contactless Synchronous Electric
Motors for Driving Industrial Mechanisms,
by V. M. Kutsevalov, 26 pp.
RUSSIAN, per, Trudy Institut Energetiki
i Elektrotekhniki, No 1,
1961, pp 49-71. P100024067
FTD NT 65-65

V. M. Kutsevalov
Sci
Elect
Mar 67

320,797

Method for Calculating the Characteristics
of an Induction Motor with Solid Rotor,
by V. M. Kutssevalov, 13pp
RUSSIAN, language article from unidentified
source.

CFSSI AEC-tr-6400

V. M. Kutssevalov

323,823

Sci - Engineering
Apr 67

Method for Calculating the Characteristics
of an Induction Motor With Solid Rotor, by
V. M. Kutsevalov, 13, pp.
RUSSIAN, per, language article from
unidentified source.
CFSTI AEC-TR-6400

V. M. Kutsevalov

323,822

Sci - Eng
Apr 67

Method for Calculating the Characteristics
of an Induction Motor With Solid Rotor, by
V. M. Kutsaev, 13, pp.

RUSSIAN, per, language article from
unidentified source.

CPSTI AEC-T3-G:CO

V. M. Kutsaev

303,802

Sci - Eng

Apr 67

Asynchronous Machine with Solid Rotor, by
V. M. Kutsevalov. 233 p.
RUSSIAN, bk, Asinkhronnaya Mashina S Nass-
ivnym Rotorom, pp 1-187. 9700279-V
FTL-RT-64-362

CPST 77-66-61097

V. M. Kutsevalov

Sci/Engr
May 66

300,439

Letter to the Editor, by V. M. Kutsevalov, 3 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 8,
1959, pp 1140-1141.

Instru Soc of Amer

Sci

Apr 60

114,675

The Thermodynamic Theory of Magnetic Relaxation,
by G. R. Kutsishvili, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol
XXIX, No 3, 1955, pp 329-333.

American Inst of Physics
Soviet Physics, Vol II, No 2

Sci - Physics
Feb 57 CTS

43,803

Interaction Between Plutonium and Other Metals
in Connection with Their Arrangement in Mendaleev's
Periodic Table, by A. A. Bochvar, S. T. Konochev-
skiy, V. I. Kutsitsev, T. S. Men'shikova, N. T.
Chebotarev, 16 pp.

RUSSIAN, per, Atom Energ, Vol V, No 3, 1958,
pp 303-309.

CB

Oct 59

99,264

Solubility of Calcium Sulfate in Still Waste From
the Ammonia-Soda Process, by E. K. Ovechkin, N. N.
Drozin, M. I. Kutsyna, et al, 8 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIII, No 4,
1960, pp 788-795.

CB

Sci

Apr 61

149,725

Influence of the Medium on the Optical Characteristics
of Some Five-Membered Heterocyclic Compounds, by
L.M. Kutsyna and L.A. Ogurtsova, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXVII, No 6, 1963, pp 738-742.

CTT

Sci
Jun 64

261, 868

Raman Spectra in the Region of Absorption Bands, by
L. M. Kutsyna, P. P. Shorygin, 1 p.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, No 6, 1954, p 682. CIA C 40664

Columbia Tech Tr

Scientific - Physics 31,711

Feb 56 CTS/DEX

31, 711

Study of the System Na^+ , $\text{K}^+/\text{CO}_3^{2-}$, $\text{SO}_4^{2-}-\text{H}_2\text{O}$ at 100°C , by A. P. Boryachek, N. N. Drozin, Z. K. Zubakhina, M. I. Kutsyna, 4 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVIII, No 1, USSR, Jan 1955, pp 100-103. CIA D 151338

D 251169

Consultants Bureau

Scientific - Chemistry

OTS 69/Jan 55

24,570

Contribution to the Chemical Testing
for Hematuria, by D. Kutter.

FRENCH, per, Annales de Biologie
Clinique, Vol XXI, No 5/6 1963,
pp 475-479.

SLA TT-64-18957

Sci

Jan 67

317,491

KUTTER, F.

The Beer Transportation Barrel.

ZEITSCHRIFT FUR DAS GESAMTE BRAUWESEN, 1931,
Nos 19, 20, 21, 22; 17300 words.

Brutcher No 137, \$ 34.60

A 6525

Ballistics, by R. E. Kutterer, 206 pp.

GERMAN, bk, Ballistik, 304 pp.

ACSI H-6751

Sci- Space/ Res

11 Oct 61

178,487

On the Stability Factor S, Its Practical Signifi-
cance and Its Determination, by R. E. Kutterer.

GERMAN, per, Wehrtechnische Monatshefte, Aug/
Sep 1957, pp 315-332.

OTIA 1220

Sci - Phys
Oct 58

75, 748

Binding of a Synthetic Polypeptide
(Hypertensin) to Heparin and Liberation
of the Peptide by Compound 48/80
in vitro, by R. M. Jaques, K. Kuttner,
3 pp.

GERMAN, per, Experientia, Vol. XVI,
No 4, 1960, p 147.

SLA 60-18177

Sci
Feb 62
Vol 4, No 9

184,669

Pressure Chamber Methods for the Measurement
of Acoustical Impedances of Small Objects
(microphones) in Liquids, by M. Band,
H. Kuttruff, 11 pp.

GETSMAN, par, Acustica, Vol XII, 1962, pp 404-410.

Navy Tr 3530/USRL 33

Sci - Phys
Sep 63

344,192

Impetigo Contagiosa With Super-
Infection Caused by Herpes Virus,
by K. Kuttner.
GERMAN, per, Derm Wschr, No 148, 1963,
pp 585-586,
NIH 7-42-65 (On Loan)

Sci/BQM
Aug 65

287,362

Küttner, K., Huber, G., and Jaques, R.
STUDIES ON ION EXCHANGE MODELS FOR
UNDERSTANDING THE PHYSIOLOGY OF BIOGENIC
AMINES: EXCHANGE BALANCES BETWEEN SODIUM
AND AMINES ON AN ION EXCHANGER WITH

$R-\overset{\overset{O}{\parallel}}{P}(OH)_2$ (Untersuchungen an Ionenaustauschmodellen
zum Verständnis der Physiologie Biogener Amine;
Austauschgleichgewichte Zwischen Natrium und Aminen
an Einem Ionenaustauscher mit

$R-\overset{\overset{O}{\parallel}}{P}(OH)_2$ als aktive

Zentren). [Feb 62] [5]p. 18 refs.
Order from SLA \$1.10

63-18796

Trans. of Experientia (Switzerland) 1961, v. 17,
15 Nov, p. 495-496.

(Biological Sciences--Physiology, TT, v. 10, no. 11)
(over)

63-18796

- I. Küttner, K.
- II. Huber, G.
- III. Jaques, R.
- IV. Title: Exchange...

...05450

Office of Technical Services

62-18840

Kuttruff, H.

ARTIFICIAL REVERBERATION. Presented at the convention of the NTG '100 Jahre Elektroakustik', Frankfurt, 26-28 Oct 61. [1962] 23p. 9 refs.
Order from SLA \$2.60 62-18840

Trans. of Frequenz (Germany) 1962, v. 16, no. 3, p. 91-96.

DESCRIPTORS: *Acoustic equipment, Acoustical properties, Vibration, Production, Electronic equipment, Circuits, Feedback, Magnetic tape.

(Physics--Acoustics, TT, v. 9, no. 10)

I. Kuttruff, H.
II. Title: NTG...

07002

Office of Technical Services

Kuttruff, H.
PROPERTIES AND ANALYSIS OF REVERBERATION
CURVES. [1961] 11p. 9 refs.
Order from SLA \$1.60

61-20535

Trans. of Acustica (Switzerland) 1958, v. 8,
p. 273-280.
Another trans. is available from ATS \$14.80 as
ATS-90NS2G [1961] 11p.

DESCRIPTORS: Vibration, *Sound transmission,
Acoustics, *Reverberation.

An exposition of reverberation phenomena in enclosed
spaces is given and hence the characteristic bending of
reverberation curves is predicted. The slope at the
commencement of such a curve is shown to be pro-
portional to the weighted arithmetic mean of the
damping factors of all the relevant natural vibrations.
(Physica--Acoustics, TT, v. 7, no. 1) (over)

61-20535

H. Kuttruff, H.

184281

Office of Technical Services

Kuttruff, H.
PROPERTIES AND ANALYSIS OF REVERBERATION
CURVES [Eigenschaften und Auswertung von
Nachhallkurven]. [1961] 11p.
Order from ATS \$14.80 ATS-90N52G

Trans. of [Akustische Beihefte] (Switzerland) 1958
[no. 1] p. 273-280.

DESCRIPTORS: Vibration, *Sound transmission,
acoustics, *Reverberation.

(Physics--Acoustics, TT, v. 7, no. 1)

61-25369

I. Kuttruff, H.
II. ATS-90N52G
III. Associated Technical
Services, Inc.,
East Orange, N. J.

184294

Office of Technical Services

Reflecting Properties of Broken Ceilings (model studies on the Reflector Arrangement of the New Philharmonic Hall in New York), by E. Meyer, H. Kuttruff, 6 pp.

GERMAN, per, Acoustics, Vol XIII, 1963, pp 183-186.

^{1st}
Navy 3592/USNL 34

Sci - Engr
oct 63

345, 193

Artificial Reverberation, by H. Kuttruff.
GERMAN, per, Frequenz, Vol 16, No 3, 1962,
pp 91-91.
AWA

H. KUTTRUFF

Sci -
Jul 67

334,771

The Loss or Waste of Petroleum Side Gases and Their
Efficient Utilization, by A. I. Kutukov.

RUSSIAN, per, Neft Khoz, Vol X, 1957, pp 39-44.

Tech and Com
\$50.00

Sci - Fuels

Apr 58

62,181

Circuits With Direct Coupling, by L. V. Kutukov,
D. I. Obidin, 33 pp.

RUSSIAN, bk, Elektronnyye Vychislitel'nyye Mashiny,
1962, pp 1-39. 9689151

FTD-TT-62-1869

Sci - Elec
Dec 63

243,603

A Study of the Explosive Showers Produced by
High-Energy Cosmic Rays, by V. V. Alpers, I. I.
Gurevich, V. M. Kutukova, A. P. Mishakova, B. A.
Nikol'skiy, L. V. Surkova, 3 pp.

RUSSIAN, thrice-mo per, IZ Dok Ak Nauk SSSR,
Vol CXII, No 1, 1957, pp 33-36.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 1

Sci - Physics
Dec 57

56,935

Asymmetry in the Angular Distribution of $\mu^+ \rightarrow e^+$
Decay Electrons Observed in Photographic Emulsions,
by I. I. Gurevich, V. M. Kutukova, A. P. Mishakova,
B. A. Nikol'skiy, L. V. Surkova, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 2, 1958, pp 280-285.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 2

Sci - Physics

Oct 58

74, 560

Angular Distribution of Fragments in Uranium²³⁸
Fission Induced by Neutrons of Various Energies,
by A. A. Varfolomeyev, A. S. Romantseva, V. M.
Kutukova, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CV, 1955, pp 693-695.

AEC Tr 2386

File No. 31,773
See memo dated 10/14/55

Scientific - Physics

Mar 56 CTS/DEX

(NY-5033)

Emerald Mines (Of the Urals), by K. A. Vlasov,
Ye. I. Kutukova, 103 pp.

RUSSIAN, bk, Izumrudnyye Kopi, 1960, pp 3, 4, 8-12,
80-82, 111-154, 197-215.

JPRS 5979

Sci - Min/Metals

Nov 60

131,650

Activities of the Central Pharmaceutical
Scientific Research Institute in 1957 and 1958,
by E. N. Kutumova, Yu. M. Shilov, 7 pp. UNCL

RUSSIAN, per, Aptekhnaye Delo, No 2, 1959,
pp 8-13.

LIU Tr Bul Oct 1959

Sci - Med
Nov 59

100,570

Parallel High-Speed Memory Device Using
Capacitors and Semi-Conductor Diodes, by
L. V. Kuznetsov.

RUSSIAN, monograph, 1957, 25 pp.

Language Sv Bu

Sci - Math

Nov 60

131,304

Determining Ephemerides of Man-Made Earth
Satellites at Point of Approach, by Ya. E.
Kynesto, S. A. Kutusov, 13 pp.

RUSSIAN, per, Byull Stantsiy Opticheskogo
Nablyudeniya Iskusstvennykh Sputnikov Zemli,
No 10, 1960, pp 12-23. 9685392

FTD-TT-63-545

Sci-Aero

Aug 63

34 3,571

Materials on the Sarmatian Flora of Armavir, by
F. Kutuzkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 2, 1959, pp 362-365.

AGI

Sci

Jun 61

154,623

Passage of Fast Neutrons Through Lead and Iron,
by D. L. Broder, A. A. Kutuzov, V. V. Levin, 7 pp

RUSSIAN, per, Atom Energ, Vol VII, No 4,
1959, pp 313-320

CB

Sci
May 61

152, 416

Structure of the Periphery of Extensive Atmospheric
Cosmic Ray Showers, by Yu. N. Antonov, Yu. N. Vavilov,
G. T. Zatsepin, A. A. Kutuzov, Yu. V. Skvortsov,
G. B. Khristiansen, 14 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXII,
No 2, pp 227-

Sep 1957

Amer Inst of Phys
Soviet Phys, JETP
Vol V, No 2

Sci - Physics

Oct 57

53,829

Geometry, by B. V. Kutuzov.

RUSSIAN, bk, Geometriya.

D.C. Heath Co., Publ.
285 Columbus Ave.
Boston 16, Mass.

Per Memo: NSP
16 Dec 60

A Graphical Method of Determining the True
Direction of the Meridian of Time by the Use
of Stereographic Projection, by M. N. Kuznetsov,
(AF 163181). UNCLASSIFIED

RUSSIAN, A Symposium of Scientific and Technical
Articles Pertaining to Geodesy, Cartography,
Topographic, Aerial Photography and Geomatics
Sciences, No 7, 1965.

SLA R-758

AMC F-73-7347

A6526

USSR Geographic

Cosmonaut Number Two, by T. Kutuzova, 15 pp.

RUSSIAN, per, Vest Voz Flota, No 9, 1961. 9676369

FTD-ST-61-8

USSR

Mil

May 62

193,337

On the Transfer Function of an Asynchronous Two-Phase Motor, by V. G. Kutvinov, 11 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 7, 1959, pp 928-938.

Instru Soc of Amer

Sci

Apr 60

113,425

Hygienic ~~Review~~ of Goods, by G. Kutyanin, 56
6 pp.
RUSSIAN, per, Sovetskaya Rossiya, No 8,
Aug 1967, pp 44-46.
JPRS 42762

G. Kutyanin

Sci-DM
Oct 67

342,934

Kuryanin, G. I.
STUDY OF THE AGEING OF PAINT COATINGS BY
MEASURING THEIR OHMIC RESISTANCE. Sep 63.
Order from TTIS \$15.00 TTIS NS 128

Trans. of Lakokrasochnye Mat[erialy i Ikh Premeneniye]
(USSR) 1963, no. 1, p. 52-54.

DESCRIPTORS: Resistance (Electrical), Measuring
devices (Electrical and electronic), *Coatings, *Paints,
Aging (Materials)

(Materials--Finishes, TT, v. 10, no. 12)

63-22764

I. Kuryanin, G. I.
II. TTIS NS-128.
III. Translation and Technical
Information Services
(Gt. Brit.)

6292

Office of Technical Services

An Electrical Method of Investigating Paint and
Lacquer Coatings, by G. I. Kutyanin, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 9, 1959, pp 1094-
1096.

Instru Soc of Amer

Sci
Aug 60

122,339

Effect of Hydrothermal Influences on Wear
of Sole Leather, by G. I. Kutyana, K. G. Karimov.
RUSSIAN, per, in Vozh Ucheb. Kav Tekh. Lenkov
Prom. No 2, 1962, pp 73-77. 67
*RCI 1-7380
ID 2264024265

Sci - M/M
Jul 65

G. I. Kutyana

The Relationship Between Wear Resistance and
Heat Resistance of Leather, by G. I.
Kutyagin, K. G. Karimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII,
(CXXXIX), No 3, 1961, pp 625-627.

GB

Sci

Nov 62

217,977

Thermal Stability of Collagen in the Dry State,
by G. I. Kutyanin, 9 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XV, No 1,
1953, pp 36-44.

Consultants Bureau

Scientific - Chemistry

CTS/DEX

17,609

The Effect of Tanning on the Mechanical Properties
of Leather, by G. I. Kutyanin, 6 pp.

Full translation.

RUSSIAN, per, Kolloid Zhur, Vol XIV, No 1, Jan -
Feb 1952, pp 46-51.

Consultants Bureau
152 West 42 Street
New York 18, N.Y.

Scientific - Chemistry . Aug 53 CTS/DEA

4489

On the Question of the Wearing Quality of Sole
Leather, by G. ~~Kutyakin~~ Kutyandin. UNCLASSIFIED

RUSSIAN, per, Leg Prom, No 10, Moscow, 1949,
pp 25 - 26..

OQMG Tr
QMT-215

USSR - Economic

Nov 1951 CTS

A6530

1. N. Mikhailov's Book "The Chemistry of Tanning Agents and Tanning Processes", by G. I. Kutyanin, 2 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XVII, No 6, Sov/Dec 1955, pp 473-474. CIA 542760 C, reel 3.

Consultants Bureau

Sci - Chemistry

37,369

Aug 1956

Welding of Dry Collagen, by G. I. Kuznetsov, 8 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol
LXXVII, No 3, 1952, pp 405-408.

CIA/IDD/X-1376

CHEMISTRY

Scientific - ~~Handwritten/Initials~~
GSS/DAK

12,708

Microcrystalline Reactions in Melts, by I. M.
Korenman, V. P. Kut'yin, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 4,
1958, pp 423-425.

Consultants Bureau

S41 - Chem

Jun 59

88,331

86
Characteristics of Radio Interference Ca
Caused by HV Apparatus, by W.J. Kutyllo,
J. Radziwill, et al., 16 pp.
POLISH, per, Prace Inst. Elektrotechn.
Vol. 14, no. 48, 1966, pp. 67-82
*TT 70-55031

AVAILABLE FROM USDI/BR ONLY

Sci/nav
Jan 70

W. J. Kutyllo

Some Data of Visual Observations of Mars in 1956,
by A. P. Kutyreva.

RUSSIAN, per, Trudy Sektora Astrobotaniki, Ak Nauk
Kazakhskoy SSR, Vol VI, 1958,

ACSI, N-4944, C

Sci - Astron

Dec 59

104,445

Quantitative Determination of Ytterbium in the
Presence of Large Amounts of Erbium by Oscillo-
graphic Polarography, by Ya. P. Gokhshtein, G. A.
Kutyreva, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 6,
1959, pp 691-695.

CB

Sci

127,778

Sep 60

Isotopic Composition of Photosynthetic Oxygen,
by A. P. Vinogradov, V. M. Kutyurin, M. V.
Ulubekova, I. K. Zadorozhny,

RUSSIAN, per, Ak Nauk SSSR, Dok, Vol CXXV,
No 5, 1959, pp 1151-1153.

CIA 9047191

Mar 60

Sci

109,828

Method of Extracting Chlorophyll from Plants
By V.M. Kutyurin, M.V. Ulubekova, pp 5

RUSSIAN, per. Fiziologiya Rastenii. Vol IX, No 1.
1962, pp 115-119

AIBS

Sci

Oct 63

241-079

Study of the Conditions and Mechanism for the
Synthesis of Phosphorylcholine, Containing
~~2~~ ¹² p³², by A. B. Silayev, An. N.
Nesmeyanov, and V. M. Kutyrin, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,
No 5, 1957, pp 1283-1285.

Consultants Bureau

Sci - Chem

Sep 58

72,875

Isotope Fractionation of Atmospheric Oxygen, by
Vintgelev, A. P., V. M. Kutuyev, I. K. Koderchikov,
13 pp.

RUSSIAN, per, Geokhimi, No 3, 1959, pp 195-205.

Geochem Soc

Sol
Oct 61

172,530

The Isotopic Constitution of Oxygen in Photosynthesis, by A. P. Vinogradov, V. M. Kutyurin, M. V. Ulubekova and I. K. Zadorozhnyy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CCXV, No 5, 1959, pp 1151-1153.

Amer Inst of Biol Sci

Sci

Dec 59

102,037

Isotope Composition of the Oxygen of Photo-
synthesis and Respiration, by A. F. Vinogradov,
V. S. Kuznetsov, M. V. Mubekova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 6, 1960, pp 1486-1489.

AIBS

Sci

May 61

152,970

Isotope Exchange of Hydrogen Atoms of
Chlorophyll, by V. M. Kutyurin,
A. V. Karyakin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^XCXLII,
No 3, 1961, pp 744-747.

AIBS

Sci

200, 820

Jun 62

Photochemical Exchange of Hydrogen Atoms of
Chlorophyll in Photosynthesis, by V.M. Kutyurin, 6 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VII, No 2, 1960,
pp 133-140.

Amer Inst of Biol Sci

Sci
Dec 60

134,834

Kutyurin, V. M. and Knyazev, V. P.
WATER CONTENT IN CHLOROPHYLL a AND b.
[1963] [5]p. 14 refs.
Order from OTS or SLA \$1.10 63-18601

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1963,
v. 149 [no. 2] p. 456-459.

DESCRIPTORS: Water, *Chlorophylls, Biosynthesis,
Chemical analysis, *Organic pigments

(Biological Sciences--Biochemistry, TT, v. 10, no. 11)

63-18601

I. Kutyurin, V. M.
II. Knyazev, V. P.

63-18601

Office of Technical Services

Restoration of Chlorophyll Molecules in Leaves, by
V. M. Kutyurin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, 1956,
pp 355-357.

SLA Tr R-1342

Sci

Jun 58

65,831

The Rate of Deuterium Penetration Into Plant Tissue,
by V. M. Kutyurin, 4 pp.

Full tr

RUSSIAN, no par, Biofizika, Vol XII, No 1,
Jan/Feb 1956, pp 20-22.

Consultants Bureau

Sci - Biology
Dec 56 CTS

42,140

THE STATE OF THE WATER IN THE CHLOROPHYLL
MOLECULE, BY A. V. KARYAKIN, V. M. KUTYUTIN,
3PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXL, NO 6,
1961, PP 1321-1323.

CB

SCI

JUL 62

204,381

(NY-5100)

AUTOMATION AND MECHANIZATION OF TEN PROCESSES
OF OPERATIONAL PLANNING, BY G. M. KUTYEV, 18
PP.

RUSSIAN, PER, ZHELEZNOBORDONNY TRANSPORT, NO 1,
1962, PP 24-29.

JPRS 13867

JUSSR
ECON
JUN 62

197.55A

Lutz, O. GEOMETRICAL DETERMINATION OF WALL TEMPERATURE DURING HEAT TRANSFER. (1963) 7p. (Sgs. omitted) 1 ref. Order from SLA \$1.10 63-16034 Trans. of Forschung (auf dem Gebiete des Ingenieurwesens) (Germany) 1933, v. 6, no. 5, p. 240-244. Another trans. is available from SLA as 58-471, Sp. \$3.60. DESCRIPTORS: "Heat transfer, Bodies of revolution, Temperature, Surface temperatures, Geometric forms. Physics: Thermodynamics, TT, " (10, no. 9)	63-16034 I. Lutz, O. 1249646 Office of Technical Services
--	---

(NY-6450)

Tasks of the 1962 "New Technology" Plan for
Transportation, by Friedrich Sweboda, Heinz
Kutza, 9 pp.

GERMAN, en, Robot Prod, 25 Jul 1961,
p 3.

JPRS 11170

176,342

EEur - Germany
Econ
Dec 61.
52

Synchronous Joints for Shaft Transmissions,
Capable of Transverse and Angular Displacement, by
Karl Kutzback, 11 p.

GERMAN, per, Verein Deutscher Ingenieure Zeit.,
1937, Vol LXXXI, No 30, pp 889-892.

SLA 59-17838

Sci
Feb 60
Vol 2, No 10

108,889

Review of Methods and Specifications for Short-Time Stresses Within the Scope of Climatic Tests, by A. Kutzelnigg, 36 pp.

GERMAN, per, Werkstoffe und Korrosion, Vol VII, No 2, 1956, pp 65-82. CIA 600670

ATIC F-TS-10071/V

Sci - Min/Metals
Mar 57

48,096

Kutzelnigg, A.
INVESTIGATIONS CONCERNING OXIDATION
CATALYSIS. Communication 3. [1963] 7p. 20 refs.
Order from SLA \$1.10 63-14124

Trans. of Monatshefte für Chemie (Austria) 1936,
v. 67, p. 241-247.

DESCRIPTORS: *Oxidation, *Catalysis, *Oxides,
*Chromium compounds, Iron compounds, Copper com-
pounds, Potassium compounds, Cyanides, Reaction
kinetics, Chemical reactions, *Catalysts.

It was attempted to trace the activity of the chrome
oxide as oxidation catalyst in various temperature
ranges to a common cause. Besides chrome oxide,
ironoxide and copper oxide at a specific preparation
temperature also show a maximum of activity in re-
gard to oxidation of ferrocyanide. This phenomenon is
connected with the removal of adsorbed H₂O films from
(Chemistry--Physical, TT, v. 10, no. 3) (over)

63-14124

I. Kutzelnigg, A.

A242668

Office of Technical Services

The "D" Chromium Plating Process, by A. Kutzelnigg,

GERMAN, per, Metalloberfläche, Vol V, No 10,
1953, pp B156-B160.

23,622

Butcher Tr No 3491
3.80

Scientific - Min/Metals

May 55 CTS

Determination and Importance of Pores in Electro-
plating, by A. Kutzelnigg, 8 pp.

GERMAN, per, Technische Rundschau und
Allgemeine Industrie- und Handelszeitung,
No 52, 1959, pp 25-27.

ATS-79M41G

Sci

102 6/11

Comparison Between the Result of Weathering in an
Industrial Atmosphere and Short-Term Trials
in Atmospheres Containing Sulphur Dioxide, by
A. Kutzelnigg.

GERMAN, per, Werkstoffe und Korrosion, Vol IX,
No 7, 1958, pp 429-434.

BISI 3160

239,901

Sci - Geophys
May 63

New Test Papers for Porosity Tests and
Identification of Metals, by A. Kutzelnigg

Full translation.

GERMAN, per, Metalloberfläche, Vol IIIB, No 8,
Aug 1951, pp B113-B115.

TPA3/TIB Tr No T-4085

Scientific - Minerals/Metals
Index Aeronautics
Jun 53 CTS/DEK

2308

Trans. Section 456

TT-63-16757

Kutzelnigg, Arthur.

FLUORESCENCE OF ZINC OXIDE-IRON OXIDE MIX-
TURES AND ITS DEPENDENCE ON THE TEMPERA-
TURE OF HEAT TREATMENT (Die Fluoreszenz von
Zinkoxyd-Eisenoxyd-Mischpräparaten und ihre
Abhängigkeit von der Temperatur der Wärmebehandlung).
[1963] [6p] (foreign text included) 5refs
Order from SLA \$1.10

TT-63-16757

Trans. of Z[schrift] [für] Anorg[anische] [und]
Allg[emeine] Chemie (Germany) 1935, v. 223,
p. 251-252.

DESCRIPTORS: Heat treatment, Temperature,
Mixtures, Oxides, *Iron compounds, Zinc compounds,
*Fluorescence,

(Chemistry--Inorganic, TT, v. 11, no. 1)

I. Kutzelnigg, A.

Office of Technical Services

The Structure and Oscillating Spectrum of Urea
Cation in Normal and Abnormal Salts, by
W. Kutzelnigg. 68

GERMAN, per, Chemische Berichte, Vol 94, No 7,
1961, pp 1706-1716.

*ACSI J-6251

*FETC-HT-23-849-68

W. Kutzelnigg

Sci-Chem
Sept 69

56
Infrared Spectroscopic Investigation of Inclusion
Compounds of Urea and Thiourea, by R. Weeks,
et. al., containing, 5 pp.

GERMAN, per, Zeitschrift fuer Analytische Chemie.
Vol 170, No 1, 1959, pp 116-120.

ACSI J-3163

ID 220003967

Sci-S and
Feb 68

309.178

Kutzelnigg, Werner and Mecke, Reinhard.
SPECTROSCOPIC INVESTIGATION OF ORGANIC
IONS. PT. V. THE STRUCTURE OF SALTS OF
ACETAMIDE (Spektroskopische Untersuchungen an
Organischen Ionen. V. Die Struktur der Salze des
Acetamids). 12 Nov 62 [33]p. (foreign text included)
39 refs.

Order from SLA \$3.60

63-10291

Trans. of Spectrochimica Acta (Gt. Brit.) 1962, v. 18,
p. 549-560.

DESCRIPTORS: *Acetamides, Salts, *Complex com-
pounds, Molecular structure, Determination, Gases,
Solutions, Crystals, Spectra (Infrared), *Platinum
compounds, *Mercury compounds, Organic compounds,
Ions, Spectrographic analysis

The vibrational frequency assignment is given for
acetamide in the gas phase in solution and in the two
(Chemistry--Physical, TT, v. 10, no. 3) (over)

63-10291

I. Kutzelnigg, W.
II. Mecke, R.
III. Title: Structure...

63-10291

Office of Technical Services

The Absorption of Alpha Particles in Filter Paper
and in Membrane Ultrafilters, by a Zenon Starcuk,
Jaroslav Kutzendorfer, 7 pp.

CZECH, per, Jaderna Energie, Vol III, 1957,
pp 290-292.

ABC UCRL-Trans-507

Sci - Nuc Phys
Apr 60

112,965

The Behavior of Small Amounts of Nitromethane in
Aqueous Sulfuric and Hydrochloric Acid Solutions,
by Yu. L. Khaldna, Kh. I. Kuura, et al, 11 pp.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXVIII, No 4,
1964, pp 863-870. 9226390
AEC-ANL-Tr-96

p 23

Sci-Chem
Jan 65

271,788

A Study of the Coprecipitation of Germanium with
the Hydroxides of Iron and Other Metals, by
Kh. Ya. Knus, 6 pp.

RUSSIAN, per Zhur Anal Khim, Vol XVI, No 2,
1961, pp 166-170.

CB

200, 755

Sci
Apr 62

An Outstanding Figure and Heroic Figher of the
International Communist Movement, by Kuusinen.

RUSSIAN, np, Pravda, 19 Jun 1962.

FBIS Wire

USSR

Pol

5 Jul 62